

DETAILED ACTION

1. This is a supplemental notice of allowance in response to the applicant's communication filed on September 01, 2009.

Drawings

2. The drawings were received on September 01, 2009. These drawings are acceptable.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
4. The applicant's representative Brett A. Valiquet (Reg. No.: 27,841) requested a supplemental notice of allowance and authorized the following examiner's amendment on October 01, 2009 in response to the notice of allowance mailed on September 17, 2009 for the inadvertent typographical error during entering examiner's amendment.

The application has been amended as follows:

Amend claims 51 and 59 as follows:

51. A method for printing of sensitive data, comprising the steps of:
at a workstation encrypting the sensitive data to be printed;

transferring the encrypted sensitive data to be printed along with non-sensitive data to be printed to a printing device having a printing unit;

decrypting the sensitive data to be printed to create decrypted sensitive data in an immediate temporal succession ~~execution~~ with converting the decrypted sensitive data to be printed into control signals for activation of the printing unit via rastering of the data into one or more raster images representing the control signals;

storing the decrypted sensitive data in a non-volatile memory such that the decrypted sensitive data are distributed in a plurality of memory segments of the non-volatile memory, and storing a relationship of the memory segments in said non-volatile memory in a volatile memory as relationship data independently of the stored decrypted sensitive data so that without said relationship data, the decrypted sensitive data stored in said memory segments is not readable; and

printing the non-sensitive data, and also printing the decrypted sensitive data based on the relationship data, with the printing unit on a recording medium.

59. A system for printing sensitive data which have been encrypted, comprising:

a printing device having a printing unit connected to a controller, said controller receiving said encrypted sensitive data along with non-sensitive data;

said controller comprising a decryption module, a non-volatile memory, a relationship data volatile memory, and a converter which converts decrypted sensitive data from said decryption module in immediate temporal succession ~~execution~~ into control signals for

activation of said printing unit, said control signals activating the printing unit via rastering of the data into one or more raster images reprinting the control signals; and

said controller storing the decrypted sensitive data in said non-volatile memory such that the decrypted sensitive data are distributed in a plurality of memory segments of the non-volatile memory, and storing a relationship of the memory segments in said non-volatile memory in said relationship data volatile memory as relationship data independently of the stored decrypted sensitive data so that without said relationship data, the decrypted sensitive data stored in said memory segments is not readable.

Reason for allowance

5. After consideration of the applicant's remark filed on September 01, 2009 in response to the Office Action mailed on June 15, 2009 and through examination of claims 51-63 with respect to the prior arts in record and further search, the claims have been found in condition for allowance.

6. The following is an examiner's statement of reasons for allowance:

Claims 51 and 59 include the following features of a method and a system for printing of sensitive data which are not taught or further suggested and would not have been obvious over prior arts of record and these claimed features are: Decrypting the sensitive data to be printed to create decrypted sensitive data in an immediate temporal succession converting the decrypted sensitive data to be printed into control signals for activation of the printing unit via rastering of the data into one or more raster images representing the control signals; storing the decrypted

sensitive data and distributing them in a plurality of memory segments of the non-volatile memory, and storing a relationship of the plurality of memory segments in said non-volatile memory in a volatile memory as relationship data independently of the stored decrypted sensitive data so that without said relationship data, the decrypted sensitive data stored in said memory segments is not readable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See the notice of reference cited in form PTO-892 for additional prior art.

Contact Information

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TECHANE J. GERGISO whose telephone number is (571)272-3784 and fax number is (571) 273-3784. The examiner can normally be reached on 9:00am - 6:00pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Techane J. Gergiso/

Examiner, Art Unit 2437